TOBACCO INDUSTRY RESEARCH COMMITTEE
350 FIFTH AVENUE NEW YORK 1, N. Y.

6. Budget Plan

Salaries #85
Expendable Supplies 2,000.00
Application For Research Grant
Overhead 100.00
Other

Date: March 2, 1956 2,100.00

1. Name of Investigator: Sam Sorof, Ph.D.
7. Anticipated duration of work: application of current grant from Tobacco Industry Research Committee for period ending September 30, 1956.

2. Title: Associate Member
8. Facilities and Staff Available

3. Institution & Address: The Institute for Cancer Research & Lankenau Hospital Research Inst.
7701 Burholme Avenue, Fox Chase
Philadelphia 11, Pa.

4. Project or Subject: Chemical and Physical Studies on the Tissue Proteins Involved in Chemical Carcinogenesis

9. Additional Requirements None

5. Detailed Plan of Procedure (Use reverse side if additional space is needed): Since May 9, 1955, the date of the application for the current financial grant from the Tobacco Industry Research Committee, our research has crystallized along lines summarized in the two submitted abstracts (1,2). Extensions of these studies are at present being directed toward the analysis, isolation, and characterization of a protein class ("slow h_2") (1,2), which appears to be implicated in the carcinogenic process and which is present only to the extent of 1.1 per cent of all of the rat liver proteins. As a consequence, we have needed to grow large numbers of rats and feed them azo dyes or the hepatocarcinogenic, 2-acetylaminofluorene, or control diets for 3½ to 11 weeks. Each isolation experiment consumes approximately 85 such diet-fed rats, and yields 200-300 mg. of the fraction containing "slow h_2" proteins (1,2).

Because of these developments, which could not be foreseen when our application was made nearly 10 months ago, relatively large expenditures * have been required since last October, when the grant became operative, for the processing of approximately sixteen hundred rats. In addition, funds have been appropriated for the increase of our rat housing and auxiliary facilities, such as cages, racks, carts, etc. As a consequence, our funds in the supply category of our current grant are now depleted. Since there is no other provision for the support of our project in the existing overall Institutional budget, request is hereby made for an additional $2,000 for supplies for the remainder of the grant period, ending September 30, 1956.

REFERENCES

(1) Sorof, S., Young, E. M., and Vogt, D. H., Proc. Am. Assoc. Cancer Research, 1956, in press

(2) Sorof, S., Ott, M. G., and Young, E. M., Federation Proc., 1956, in press.

Director of Project

* A summary of these expenditures is is appended in item 10.

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Authorized Officer of the Institution

Source: https://www.industrydocuments.ucsf.edu/docs/qtpf0000

6. Budget Plan:

Applicant for	Salaries	$ --
	Expendable Supplies	2,000.00
	Permanent Equipment	--
	Overhead	160.00
	Other	--
Date	Total	$2,160.00

7. Anticipated Duration of Work: Same as in application of current grant from Tobacco Industry Research Committee for period ending September 30, 19561

8. Facilities and Staff Available: Ibid

Name of Institution: The Institute for Cancer Research & Lankenau Hospital Research Inst.
Address of Institution: 7701 Exchange Street, Fox Chase
Philadelphia 11, Pa.

Name and Titles of Principal Investigators: Chemical and Physical Studies of the Tissue Changes Involved in Chemical Carcinogenesis

9. Additional Requirements: None

(Attach sheet of paper if more space is needed)

10. Additional Information (Including relation of work to other projects and other sources of supply): As of the date of the application for the current financial grant from the Tobacco Industry Research Committee,

Summary of Expenditures on Current Grant, October 1, 1955 - February 28, 1956

(1, 2) Original budget called for supplies account coding $1,800.00 [illegible]
(3) Subsequently transferred from Equipment: (*slow h, 200.00 [illegible]
Subsequently transferred from Overhead: [illegible] 400.00
Total sum available as supplies, Oct. '55-Feb. '56 [illegible] $2,400.00

Expenditures: [illegible]
General laboratory needs: [illegible] $1,100.00
Animal experimental needs: [illegible] 1,300.00
*slow h, pr Animal foods $600
Housing, racks, [illegible]
Rats 400
[illegible] 300
[illegible] $1,300

Because [illegible] which could not be foreseen when the application was made nearly [illegible] etc., as a relatively large expenditure * have been incurred since last October, when the grant [illegible] operative, for the processing of mature [illegible] Our request for an additional $2,000 for March, '56 - Sept., '56 for supplies is based on the best possible projection of our needs of recurring expenditures included in the above. [illegible] provides for the support of our project in the existing overall institutional budget, request is hereby made for an additional $2,000 for supplies for the remainder of the grant period, ending September 30, 1956.

REFERENCES

(1) Sorof, S., Young, E. M., and Hoyt, C. Signature s/ Sam Sorof Cancer Research, 1946, in press

Director of Project

(2) Sorof, S., Coy, M. G., and Young, E. M., Fulguration Proc., 1956, in press.

* A summary of these expenditures is to be reported in Item 10.

s/ H. D. Putney
Business Officer of the Institution

Source: https://www.industrydocuments.ucsf.edu/docs/ptpl0000